

JUNIOR RESEARCH ENGINEER (CONTRACT) FOR THE AHEAD-RIC PROJECT OF THE FACULTY OF ENGINEERING, UNIVERSITY OF PERADENIYA

Salary: Rs. 45,000.00 per month

Contract Type: The posts are full time, available on **06/09/2021** and are fixed term for 6 months

We seek to recruit highly motivated Junior Research Engineers with proven intellectual and technical ability to conduct independent research and development (R&D) activities. You should have completed BSc Eng degree programme specialized in Electrical/ Electrical & Electronic / Electrical and Telecommunication. Candidates with pending results can apply. Please apply with your CV and an additional document highlighting previous research and electronic circuit implementation tasks (please limit the additional document to 3xA4 size pages). You may post or email your application to Prof. J.B. Ekanayake.

Closing date of this call is 24/08/2021, 5 pm

The scope of Work:

Under the Accelerating Higher Education Expansion and Development (AHEAD) - Operation Results Area 3 - Research Innovation and Commercialization (RIC) grants, the Department of Electrical and Electronic Engineering (DEEE) of the University of Peradeniya won a Research Innovation and Commercialization grant to design, fabricate, test and commercialize a Smart Transformer (STR) together with a smart Distribution Management system (s-DMS). This Junior Research Engineer will be responsible for developing a smartgrid laboratory with smart metering infrastructure and SCADA system.

Some of the other tasks include

- a) help research team to design and procure equipment
- b) implement test bed for different tests
- c) help prepare copyright applications, IP applications, commercialisation agreement and any other requirement for the commercialisation of the smart transformer

For informal enquiries about the post, please contact Prof. J.B. Ekanayake (ekamayakej@eng.pdn.ac.lk).